

CLAIMS:

1. A multi-function display (MFD), comprising:
a bezel having controls located thereon which are adapted for
controlling communication devices, navigational devices, and
equipment sensors; and
a display adjacent to the bezel, to automatically provide a
graphical backup presentation of a set of important flight
information data including airspeed, attitude, altitude,
communication, navigation and engine data upon the failure of
one or more primary instruments displays.
2. The MFD of claim 1, wherein the set of flight information is
dependent on an aircraft frame and engine type.
3. The MFD of claim 1, wherein the display is adapted to provide
the backup presentation of the set of flight information data upon the actuation of a
toggle button located on the MFD.
4. The MFD of claim 1, wherein the display is adapted to be
dynamically configurable to adjust a content and a configuration of the backup
presentation.
5. The MFD of claim 1, wherein the bezel surrounds the display.
6. The MFD of claim 1, wherein the bezel forms a framed perimeter
that surrounds the display but is not part of the display.
7. The MFD of claim 1, wherein the controls located on the bezel
are selected from the group consisting of a control for a VOR/Localize Receiver, a
control for permitting radio communications, a control for a numeric touch pad, a
control for a transponder communications mode selector, a control for identifying an
aircraft, a control for a VFR Squawk code entry, a control for a GPS receiver, a

control for an auto pilot, a control for text messaging, a control for telecommunications, a control for video, and a control for an overlay.

8. The MFD of claim 1, wherein the controls include overlay
5 controls located on a bottom side of the bezel.

9. The MFD of claim 1, wherein the display includes at least one
inset display.

10. The MFD of claim 1, wherein the display includes at least one
10 graphical informational overlay.

11. The MFD of claim 1, wherein the display is a reversionary
display.

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12. The MFD of claim 1, wherein the flight information data is
presented in a substantially similar format, size, location and perspective as
presented on the one or more primary instrument displays.

13. A multi-function display (MFD), comprising:
20 a single display adapted to provide a back-up presentation of a set of
important flight information data including airspeed, attitude,
altitude, communication, navigation and engine data upon the
failure of one or more primary instruments displays; and
25 a bezel surrounding the display and having controls located thereon
which are adapted for control and communication devices,
navigational devices, and equipment sensors.

14. The MFD of claim 13, wherein the display is adapted to provide
30 the backup presentation of the set of flight information data upon the actuation of a
toggle button located on the MFD.

15. The MFD of claim 13, wherein the display is adapted to be

dynamically configurable to adjust a content and a configuration of the backup presentation.

16. The MFD of claim 13, wherein the controls located on the bezel
5 are selected from the group consisting of a control for a VOR/Localize Receiver, a control for permitting radio communications, a control for a numeric touch pad, a control for a transponder communications mode selector, a control for identifying an aircraft, a control for a VFR Squawk code entry, a control for a GPS receiver, a control for an auto pilot, a control for text messaging, a control for
10 telecommunications, a control for video, and a control for an overlay.

17. The MFD of claim 13, wherein the controls include overlay controls located on a bottom side of the bezel.

18. The MFD of claim 13, wherein the display includes at least one
15 inset display.

19. The MFD of claim 13, wherein the display includes at least one graphical informational overlay.
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20. The MFD of claim 13, wherein the display is a reversionary display.

21. The MFD of claim 13, wherein the flight information data is
25 presented in a substantially similar format, size, location and perspective as presented on the one or more primary instrument displays.